

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International publication date

14 October 2004 (14.10.2004)

PCT

(10) International publication number

WO 2004/087338 A2

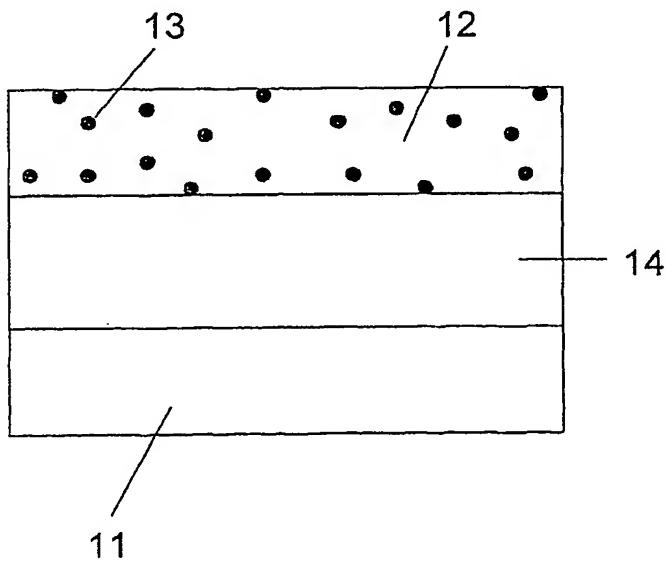
- (51) International patent classification⁷: B05D 7/00
- (21) International application number: PCT/EP2004/002336
- (22) International filing date: 8 March 2004 (08.03.2004)
- (25) Language of filing: German
- (26) Language of publication: German
- (30) Data relating to the priority: 103 14 775.6 31 March 2003 (31.03.2003) DE
- (71) Applicant (for all designated States except US): BEHR GMBH & CO. KG [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (US only): BOGER, Snjezana [HR/DE]; Rechbergstrasse 4, 73734 Esslingen (DE). ENGLERT, Peter [DE/DE]; Heideweg 7/1, 74177 Bad Friedrichshall (DE). FISCHLE, Klaus [DE/DE]; Böblingen Weg 22, 71732 Tamm (DE). MAMBER, Oliver [DE/DE]; Thomas-Mann-Strasse 32, 70469 Stuttgart (DE). SEDLMEIR, Sabine [DE/DE]; Kurfürstenstrasse 71, 74821 Mosbach (DE).
- (74) Joint Representative: BEHR GMBH & CO. KG; Intellectual Property, G-IP, Mauserstrasse 3, 70469 Stuttgart (DE).
- (81) Designated states (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated states (unless otherwise indicated, for every kind of regional protection available): ARIPO

[continued on next page]

As printed

(54) Title: HEAT EXCHANGER AND METHOD FOR TREATING THE SURFACE OF SAID HEAT EXCHANGER

(54) Bezeichnung: WÄRMETAUSCHER UND VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG EINES SOLCHEN



(57) Abstract: The invention relates to a heat exchanger provided with a hydrophilic surface coating (12) comprising a gel produced by a sol-gel method.

(57) Zusammenfassung: Die Erfindung betrifft einen Wärmetauscher mit einer hydrophilen Oberflächenbeschichtung (12), wobei die Oberflächenbeschichtung (12) ein Gel aufweist, das bei einem Sol-Gel-Prozess hergestellt wird.

WO 2004/087338 A2

patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17

- *of inventorship (Rule 4.17(iv)) for the following designation US*

Published:

- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For an explanation of the two-letter codes and the other abbreviations, reference is made to the explanations ("Guidance Notes on Codes and Abbreviations") at the beginning of each regular edition of the PCT Gazette.